

METEOROLOGICAL DEPARTMENT CURAÇAO

CLIMATOLOGICAL SUMMARY

Week 5

Week Starting: January 28, 2018

Station: Hato, Airport

Week Ending: February 03, 2018

Rain			
Rainfall total		:	19.3 mm
Rainfall 24 hour's maximum date:	February 01	:	8.5 mm
Rainfall amount of days \geq 1.0 mm		:	4 days
Rainfall cumulative		:	50.6 mm
Evaporation			
Evaporation daily average		:	6.2 mm
Evaporation week total		:	43.1 mm
Evaporation maximum/week date:	January 29	:	10.6 mm
Sunshine			
Sunshine duration weekly average		:	8 59 hours:min
Sunshine absolute max./week date:	February 02	:	10 42 hours:min
Sunshine absolute min./week date:	January 29	:	6 42 hours:min
Solar radiation weekly average		:	4659 Whr/m ² /day
Solar radiation absolute max./week date:		:	5504 Whr/m ² /day
Solar radiation absolute min./week date:		:	3930 Whr/m ² /day
Temperature			
Temperature weekly average		:	26.9 °C
Temperature weekly maximum average		:	29.9 °C
Temp. abs. max. date/time:	January 31 12:52	:	31.3 °C
Temperature weekly minimum average		:	24.3 °C
Temp. abs. min. date/time:	January 29 7:38	:	22.3 °C
Relative humidity weekly average		:	72.4 %
Wind			
Wind speed weekly average		:	13.7 kt
Wind speed avg. max		:	27.9 kt
Wind speed abs. max. date/time:	January 29 7:15	:	37.0 kt
Wind vector weekly average		:	96 °
Wind energy potential total *		:	30 KWhr/m ²
Wind energy weekly average *		:	5011 Whr/m ²
Wind energy potential maximum * date:		:	5847 Whr/m ²
Wind energy potential minimum * date:		:	3769 Whr/m ²
Remarks			

* Wind energy at a height of 10 m for wind speeds of 4 m/s or more.

** Sunshine duration in hrs (solar time)

*** Solar radiation (local time)

__ Blank field - No data available

